FIGURE 1A

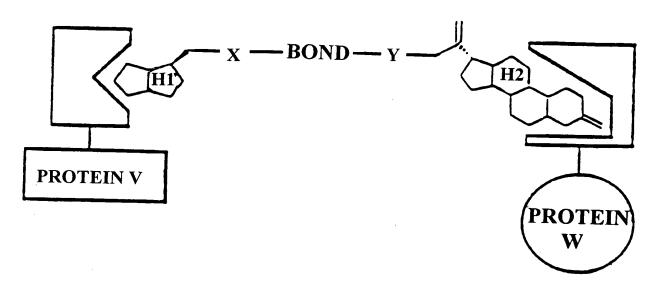
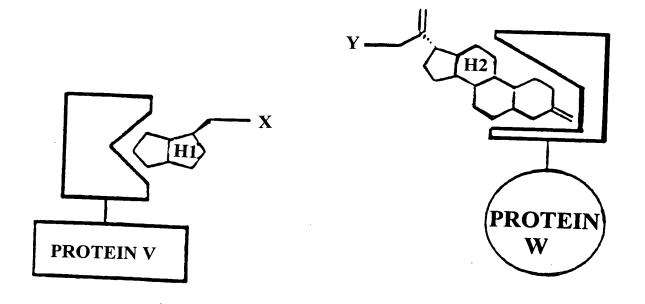


FIGURE 1B



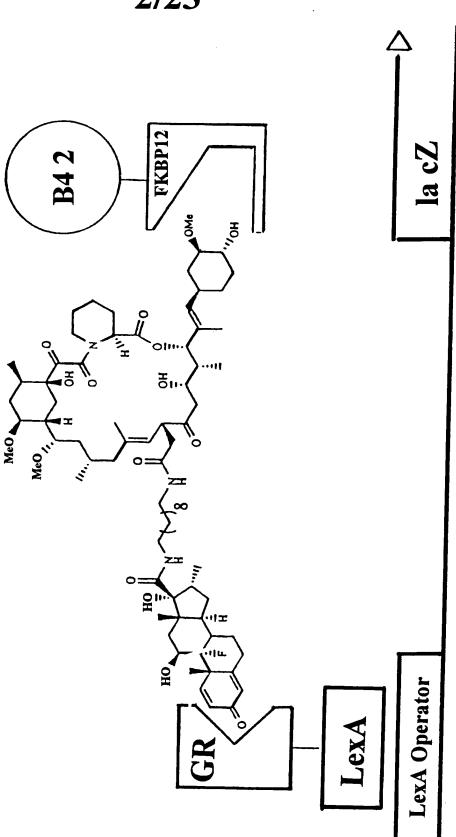


FIGURE 2

FIGURE 5A

FIGURE 5B

6/23 HZ ΗZ N N H Ż II ZH

FIGURE 7A

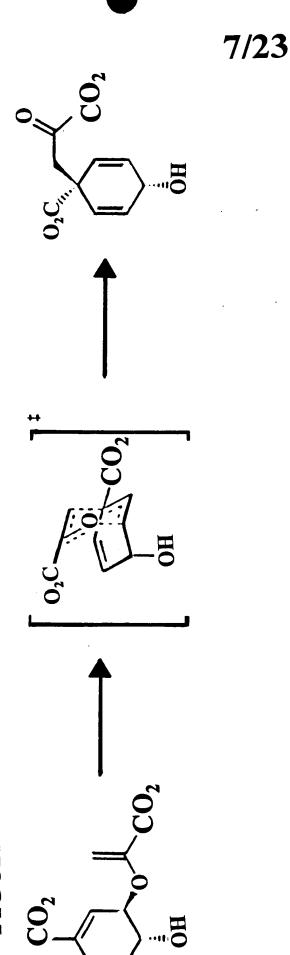


FIGURE 7B

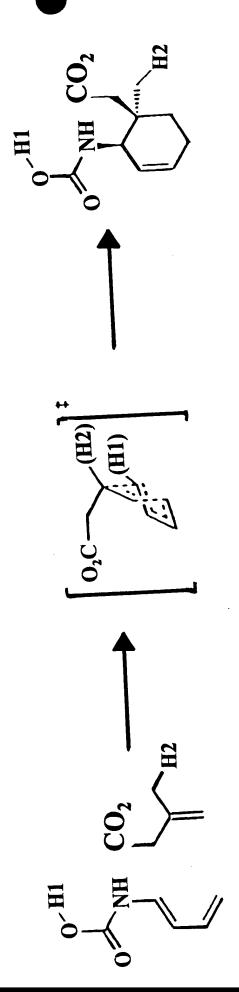
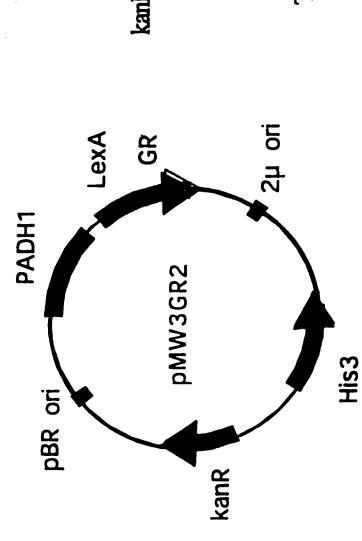
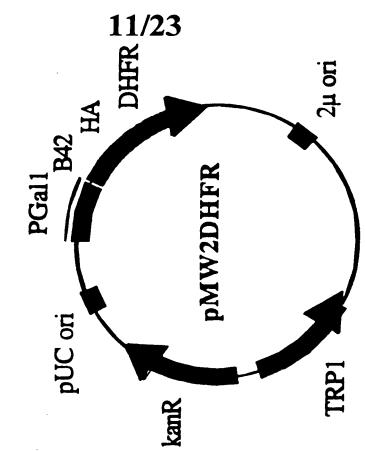


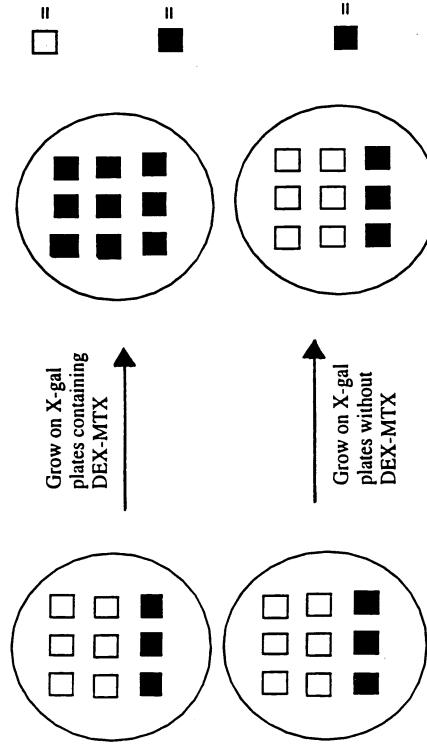
FIGURE 8A

8/23 NH₂ 5 NH₂ HO HS-H2 FIGURE 8B





13/23 Z lacZ LexA Operator **Ley** E



14/23

= yeast cell with
LexA-1 and B42-2
(1 and 2 are two
proteins that interact
directly)

= yeast cell that produces lacZ, hydrolyzes X-gal, and turns blue

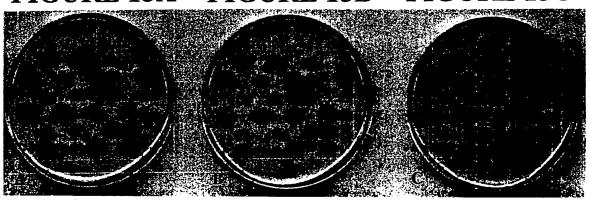


FIGURE 16A

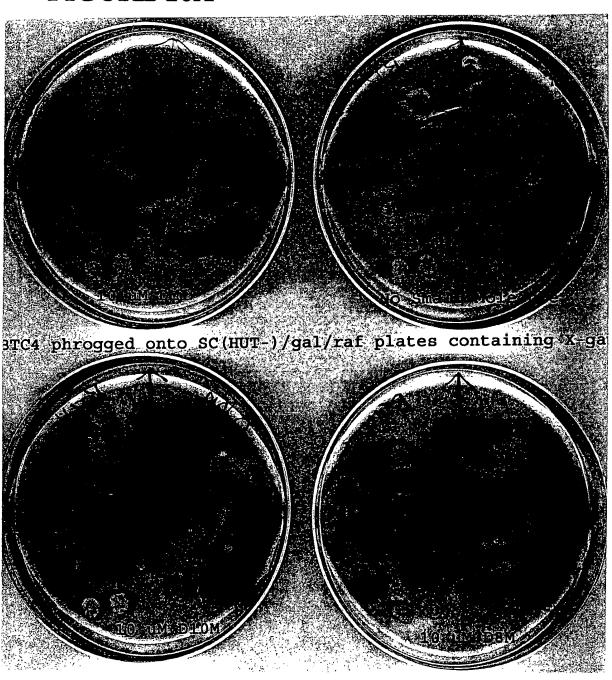


PLATE NAME: BTC4

FIGURE 16B

PURPOSE: DXM SCREENING

	V134Y V375Y	V375Y		V493Y	V513Y	V496Y	
V495Y		V514Y	V508Y		V507Y		V517Y
V518Y	V518Y V501Y		V504Y	V494Y	V497Y	V510Y	
	V512Y V498Y	V498Y	V502Y	V515Y		V516Y	V499Y
V503Y		V509Y	V519Y		V511Y	V520Y	V506Y
	V508Y V381Y	V381Y		A61 EA	V560Y	V133Y	

FIGURE 17A

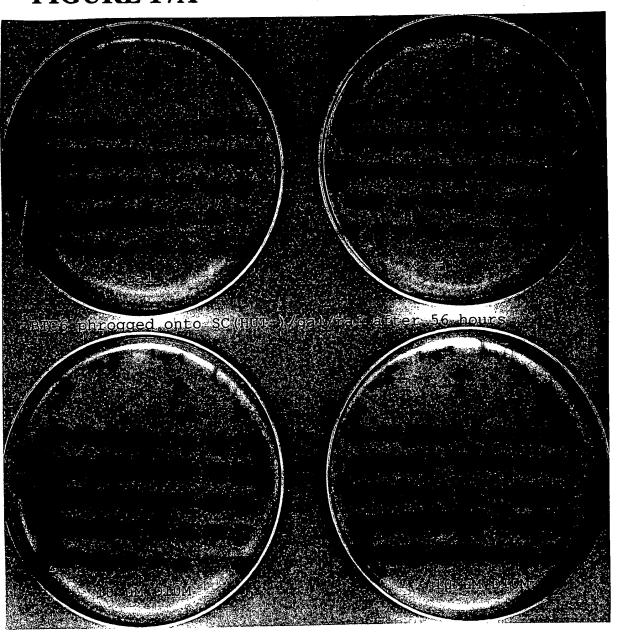


FIGURE 17B

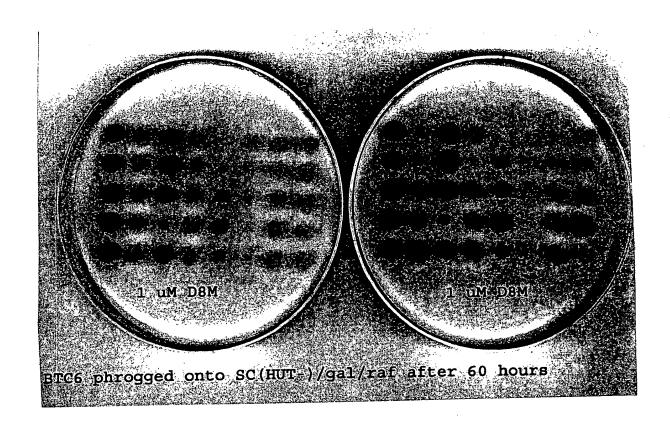


FIGURE 17C

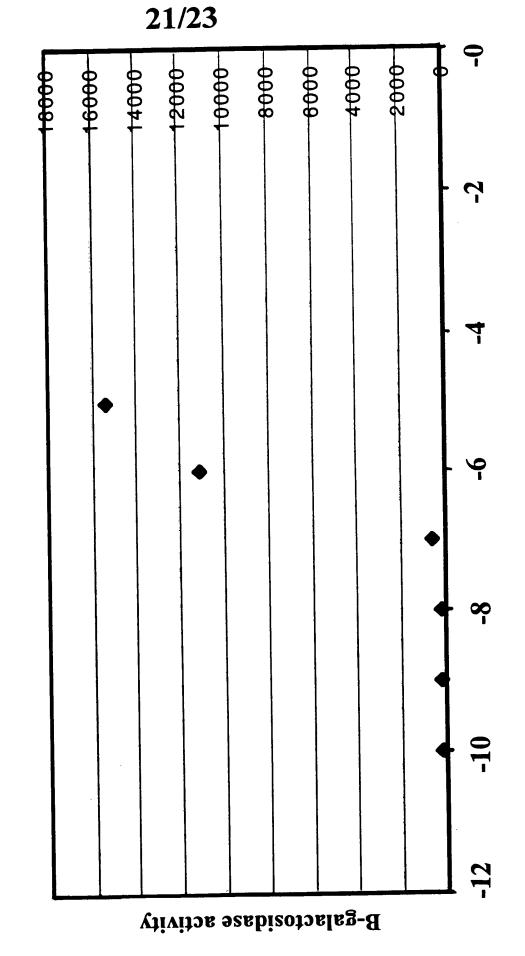
PLATE NAME: BTC6

PURPOSE: DXM SCREENING

20/23

V381Y V494Y V504Y V506Y V512Y V37Y V560Y V381Y V494Y V504Y V506Y V512Y V379Y V560Y				V379Y V560Y	V379Y V560Y	
V494Y V504Y V494Y V504Y V494Y V504Y V494Y V504Y V494Y V504Y	506Y V512Y	506Y V512Y		506Y V512Y	506Y V512Y	
		+	V504Y	V504Y	V504Y	
	-	4-	+-	+:-	\	

B-galactosidase activity of V494Y using varying concentrations of D8M FIGURE 18



22/23 Ura3 reporter gene B42 LexA binding site DHFR glycosidase FOA Ura3 reporter gene B42 LexA binding site DHFR ¥ ¥

3. HO NH2 HBTU HOBT, DEA Tí₂O, CH₂CI₃ -78°C - -60°C 1. HBTU, HOBT FIGURE 20

OPMB repeat 4, 5 twice . Aloch

11. CF_COOH 10. 000, H₂0 нвти, новт, шел 8, Pd(PPh₃), morpholine 7a . MeNH₂; b . Ac₂O, pyridine